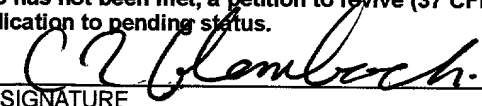


410 Rec'd PCT/PTO 17 SEP 2001

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| FORM PTO-1390 (REV 11-2000) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NO. 99999.99999 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, See 37 C.F.R. 1.52) 09/936661 |
| INTERNATIONAL APPLICATION NO. PCT/NO00/00090 | INTERNATIONAL FILING DATE March 15, 2000 | PRIORITY DATE CLAIMED March 15, 1999; March 16, 1999 and March 31, 1999 |
| TITLE OF INVENTION TRANSCIVER SYSTEM FOR PORTABLE USE | | |
| APPLICANT(S) FOR DO/EO/US Iver HANSEN | | |
| <p>Applicant herewith submits to the United State Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11-20 below concern other document(s) or information included:</p> <ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.12. <input type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.13. <input type="checkbox"/> A FIRST preliminary amendment.14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A change of power of attorney and/or address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)..20. <input checked="" type="checkbox"/> Other items or information: Copy of WO 00/56041 published September 21, 2000: Specification (6 pp.), Claims 1-8 (2 pp.), 5 sheets of drawings, Abstract (1 p.); PCT/IPEA/401 (3 pp.); PCT/IPEA/402 (1 p.); Copy of WO 00/56041 A3 w/PCT/ISA/210 | | |

| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|--------------|
| U.S. APPLICATION NO. 09/936661 <small>(known as 37 CFR 1.50)</small> | | INTERNATIONAL APPLICATION NO. PCT/NO00/00090 | | ATTORNEY'S DOCKET NO. 99999.99999 | |
| 17. <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| Basic National Fee (37 CFR 1.492(a)(1)-(5): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$ 860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO \$ 710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 690.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 | | | | \$860.00 | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 8 -20 = | 0 | X \$18.00 | \$ | |
| Independent Claims | 1 - 3 = | 0 | X \$ 80.00 | \$ | |
| Multiple dependent claims (if applicable) | | | X \$270.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$860.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27. The fees indicated below above are reduced by 1/2. | | | | \$430.00 | |
| SUBTOTAL = | | | | \$430.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)) | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$430.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$430.00 | |
| + | | | | Amount to be: | |
| | | | | refunded | \$ |
| | | | | charged | \$ |
| a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 19-0733 in the amount of <u>\$430.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: Banner & Witcoff, Ltd. Eleventh Floor 1001 G Street, N.W. Washington, D.C. 20001-4597 Telephone (202) 508-9100 Date: <u>September 17, 2001</u> | | | | | |
| | | | |  SIGNATURE | |
| | | | | Christopher A. Glembocki NAME | |
| | | | | <u>38,800</u> REGISTRATION NUMBER | |

09/936661 #4
Rec'd PCT/PTO 15 JAN 2002

Attorney Docket No. 006026.00001
International Application No. PCT/NO00/00090

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

BOX PCT

Iver HANSEN

**National Phase Application
PCT/NO00/00090
Filed: March 15, 2000**

Serial No.: 09/936,661

Group Art Unit: Unassigned

Filed: September 17, 2001

Examiner: Unassigned

For: TRANSCEIVER SYSTEM FOR PORTABLE USE

PRELIMINARY AMENDMENT

Assistant Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Preliminarily to the examination of the above-identified application, kindly amend the application as follows:

In the Specification:


Page 1, after the title, insert the following paragraph:

--This is a U.S. National Phase Application Under 35 USC 371 and applicant herewith claims the benefit of priority of PCT/NO00/00090 filed March 15, 2000, which was published Under PCT Article 21(2) in English and Application No. 19991252 filed in Norway on March 15, 1999; Application No. 19991252 filed in Norway on March 16, 1999 and Application No. 19994573 filed in Norway on March 31, 1999.--

REMARKS

The amendment to the specification is made in accordance with 35 U.S.C. 119, 37
C.F.R. 1.78 and 37 C.F.R. 1.55. Entry is requested.

Respectfully submitted,



Christopher R. Glembocki
Reg. No. 38,800

January 15, 2001

BANNER & WITCOFF, LTD.
Eleventh Floor
1001 G Street, N.W.
Washington, D.C. 20001-4597
(202) 508-9100

TRANSCEIVER SYSTEM FOR PORTABLE USE

This invention relates to personal portable transceiver system especially for persons needing hands free operation due to driving, work, walking and carrying things etc.

Having some health problems due to air pollution etc., the inventor has been experimenting for years making portable air purifiers and other portable devices. By doing so, he also gradually developed special means for comfortable carrying of heavy combinations on user's chest and for easy operation of such combinations at various angles and distances required by different situations of everyday life. Transceivers, mobile phones and PCs on the market can be put in brief cases, bags, on belts and in pockets, but the inventor found that no such apparatus on the market offered satisfactory adjustability regarding positioning means.

To meet the need for hands free transceivers or mobile phones, there are some devices available. However, most have the common disadvantage that wires and components obstruct operators movements and are too quickly torn. A loudspeaker on the dashboard of a car is too often subdued by noisy traffic etc.

Not yet ready for sale on the market is the Swedish so called "blue tooth" T28 World Ericsson mobile phone. According to last brochures in March 2000, it consists of a mobile phone to be put in a user's pocket or belt and a transceiver on the user's ear having no wires between the two components. It is a step forward, but problems arise when users for instance are exercising or doing work requiring vigorous body movements. The component to be put on the user's ear is likely to fall off because it cannot be tightened satisfactorily to the ear. "T28 World" only has a flexible fastening device for user's ear. A microphone arrangement on the user's cheek cannot be folded back on the ear and will consequently be too disturbing for all day use. It also feels somewhat uncomfortable to have components in pockets or on a belt. Especially when sitting down often or moving around in crowded places and narrow rooms there is a risk of loosing or damaging the apparatus.

According to the present invention, there is provided personal portable transceiver system comprising:

A unit arranged to contain a wireless transmitter, a wireless receiver, a keyboard, a display, an antenna, a microphone, a listening device/loudspeaker, characterized in that said system is having special-carrying means adjustable for being positioned entirely and firmly on the middle of the chest of the user, respectively on the ear of the user, optionally on both the chest and on the ear at the same time when the ear bow is used only as a receiver of sound from the chest apparatus, said system thereby facilitating hands-free operation when needed, said system also characterized by having means for moving some components like keyboard, display, microphones etc. to a more protruding and suitable angle, distance and stable position for easy operation by the user. Optionally also arranged to contain a portable, adjustable air conditioner, a flashlight, a regular radio, things for everyday use, remote control of other things etc. The transceiver on the chest of the user may also be combined with things like a small PC, TV, a magnifying glass for display enlargement, a transmitter of sound to the user's ear to avoid wires, a folding small desk, tray, remote control for a larger PC, larger TV, heating, lights, ventilation, robots etc.

To facilitate hands-free use, the above mentioned components may be activated by user's voice or by touching symbols on the display of the apparatus. A good portable TV picture depends very much on where the portable TV is positioned. A pile of books under the TV might solve the problem, but are not always available. The positioning mechanism facilitates hands free use of the small portable TV almost everywhere. A suitable, stable position for satisfying picture quality is usually quickly reached.

To meet user's varying needs and situations of everyday life, the system described here have a set of interchangeable components. Consequently, this system preferably includes:

- A. A transceiver on the middle of the user's chest having adjustable means for carrying, operation and accessories and a receiver on user's ear, which by adjustable means may be tightened for a stable and comfortable use on one or both of user's ears.

- B. For occasional light weight use in special situations like repair work under a car or when being in the bath room etc.: A complete lightweight transceiver or mobile phone, which by adjustable means may be tightened for a stable and comfortable use on user's car.
- C. When driving a car, some might prefer a complete transceiver only positioned on user's chest, having a loudspeaker and microphone and adjustable means for carrying, operation and accessories.

The apparatus in accordance with the invention is hereby described more closely by referring to exemplary embodiments thereof and with reference to the enclosed drawings wherein:

The fresh air transceiver may be operated by keyboard (30) or voice activated. Fig. 1 shows: E.g. (Scale 1:1 up to scale 1:2).

Ball shaped, adjustable fan casing for wind direction (1).

Fan (32), electromotor (33), elastic noise reducing material (34), fan inlet ring (35).

Friction adjustment ring (12) (+friction seal ring (17) when needed),
 (Compartment (2) for ^{color (or black/white)} hands free low radiation picture phone, PC, TV, alarm and picture surveillance system etc., Antenna (13), protruding fastening means (5) ^{or by magnet in apparatus},
 listening means (4) allowing wireless transmission to adjustable ear bow transceiver (21), ^{optionally extra} loudspeaker (18), vertical strap (22) for stabilizing position of apparatus, folding microphone (5), ^{rectangular} dust filter (8), ^{lid for batteries} active coal filter (9), ^{and regulator} braces (7) arranged to enable user to carry heavy combinations without discomfort, light (14), radio (15), compartment (16) ^{e.g.} for beeper for hearing/tracking (optional) e.g. when apparatus lost/stolen, rechargeable battery (3), ^{e.g. by the arm pit:} rubber band, socket for wire (11) for power/recharging battery, lower belt (10), ^{velcro place or} buckle (10B), keyboard for mobile phone (19) in retracted position, spring (28), band for keeping braces/straps in position below chin (20), with or without apparatus. Magnifying glass (23) ^{e.g.} adjustable 6cm x 8cm,

for seeing keyboard, display, TV, PC etc. more easily (optional).

Fastening pin (43) for ~~accessories~~ (magnif. glass etc.). Magnifying glass may also be fastened to detachable part of apparatus when using it on a table,

on user's lap etc. making ~~small TV-picture, PC-picture,~~

mobile phone picture etc. look larger. The display may on

some models be tilted upwards from apparatus to facilitate

viewing. The apparatus may also have a loudspeaking function (18)

for phone conversations etc. Joints and movable arms (24) may

include springs, steel balls or rubber discs, grooves, hydraulics

etc. to create friction and adjustability. ~~Transparent rain cover (38)~~

Movable grating (29).

Water tight protecting case/cover with transparent cover (optional)

over keyboard (preferably) and openings for air outlet, plugs,

Microphone (5). ~~(Folding cover or mic outside cover~~

with a protecting cap or microphone stick as a prolongation

of the listening means). ^{movable arms} Angle regulator (24) for quicker

and easier observation of keyboard (30), display (31) or by hydraulics or other

fastening arrangement offering varying angles, distances etc.

from the user. Color display for functions above. Optionally

also camera included. Knob (25) for air stream direction.

PATENTSTYRET. Oslo. Avs: Iver Hansen. Gjerdalsv. 3. 3442 Hyggen.
PORTABLE AIR CONDITIONER COMBINE WITH TRANSCEIVER ETC.

Protruding chest pads or pockets (26) stabilizing apparatus
 and making apparatus look less protruding. Battery charging shoes (27).

(30)
 Keyboard may optionally be remote control for larger TV.
 larger PC. larger TV/PC combinations. future self moving means
 like lawn mowers. vacuum cleaners. window cleaners. food servers.
 musical instruments. heating ovens. garage doors. house doors.
 venetian blinds. curtains. kitchen appliances. lamps. robots.
 ventilation and for other means suitable for remote control.
 Keyboard (30) also for calculator and for programming voice
 activation. Extra spring (36) on one side when needed.
 Apparatus may also function as a future guide for drivers. seamen.
 tourists. hikers in rural areas etc. by being linked to
 satellite navigation systems or other systems facilitating
 travelling. By programming or telling apparatus destination
 and position. drivers may get instructions through the ear bow (21)
 whether to turn left. right or go straight ahead when driving
 in large towns. A good central administration of such a system
 will counteract traffic jams and facilitate a much quicker and
 better distribution of traffic on the roads.
 For tourists the voice activated apparatus may also function as
 a translator. Languages spoken to the users may in the future
 quickly be translated to the user's language through the ear bows
 without using dictionaries.

Small TV cameras or detectors/sensors may be mounted by the rear
 and front bumpers of vehicles and thereby transmit information
 regarding distance to obstacles and show it on the display (31)
 for easier parking and driving. Other cameras in the vehicle
 may be used for surveillance when drivers leave their car and
 want to see and listen to make sure that nothing is stolen.
 Similar surveillance of home. cabin. boat. office etc.

A world wide telephone directory information system may also be
 available through this apparatus. Ring (44) to be fastened on a
 fastening hook (37). ^{angle regulator by} adjustment screw ⁽³⁹⁾ for movable arms ~~(24)~~ (24).

Rubber/frictional portion (40). Fan speed regulator (41) ^{optionally} ~~motors~~ or
 holes (42) for angle adjustment of apparatus in protruded position.

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Means for attachment of accessories (46). Grooves (47) for air inlet. Lid (48) for access to fan. Lid (45) covering batteries. Optional angle limitation/arm movement stop (49).

Case/housing (50) for positioning mechanism. *Means (51)*

Control system (52 a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z)

Safety system (53), control system (54) for the fan, motor, and

knob (55) for moving and positioning the fan, motor, and

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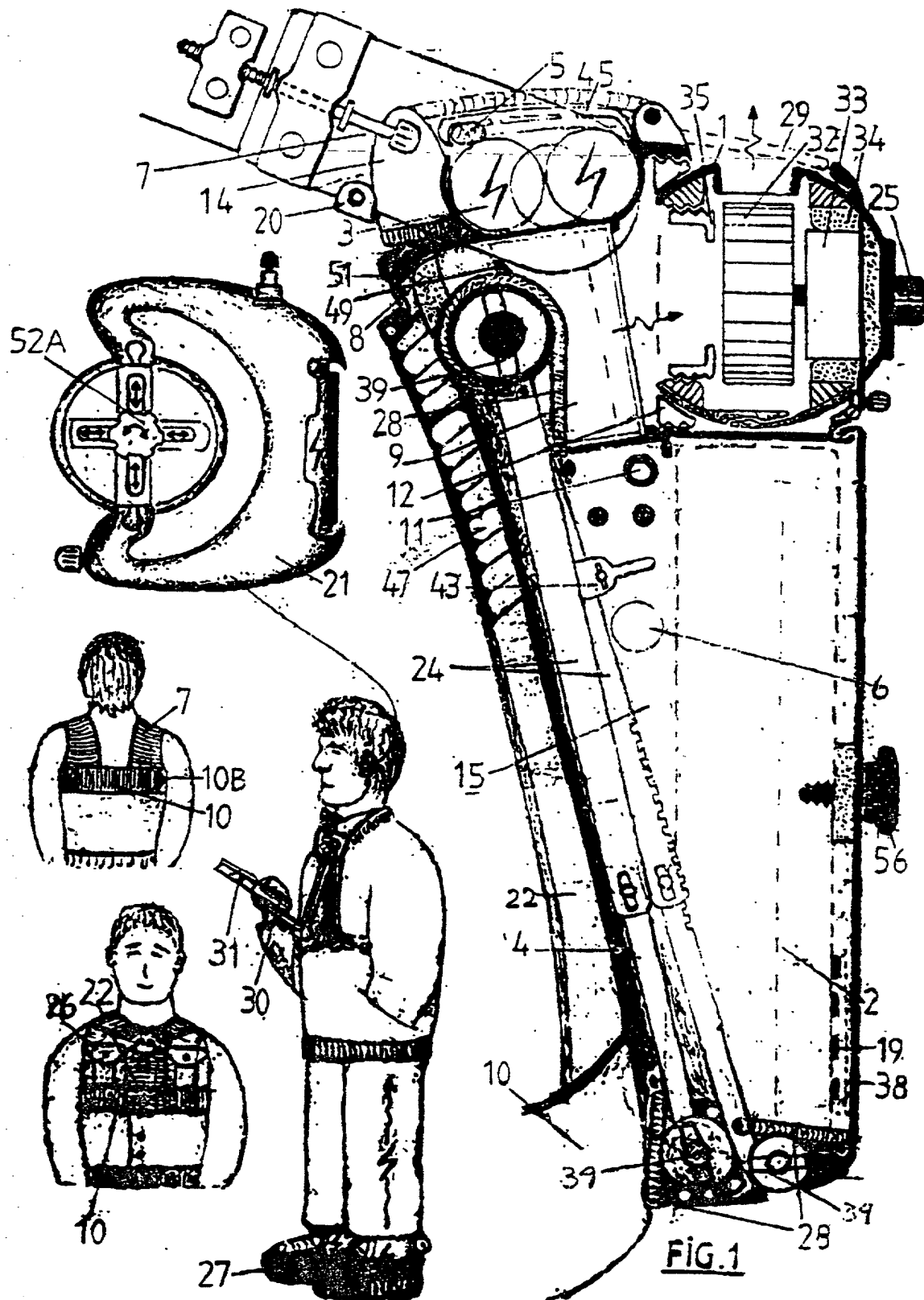
C L A I M S

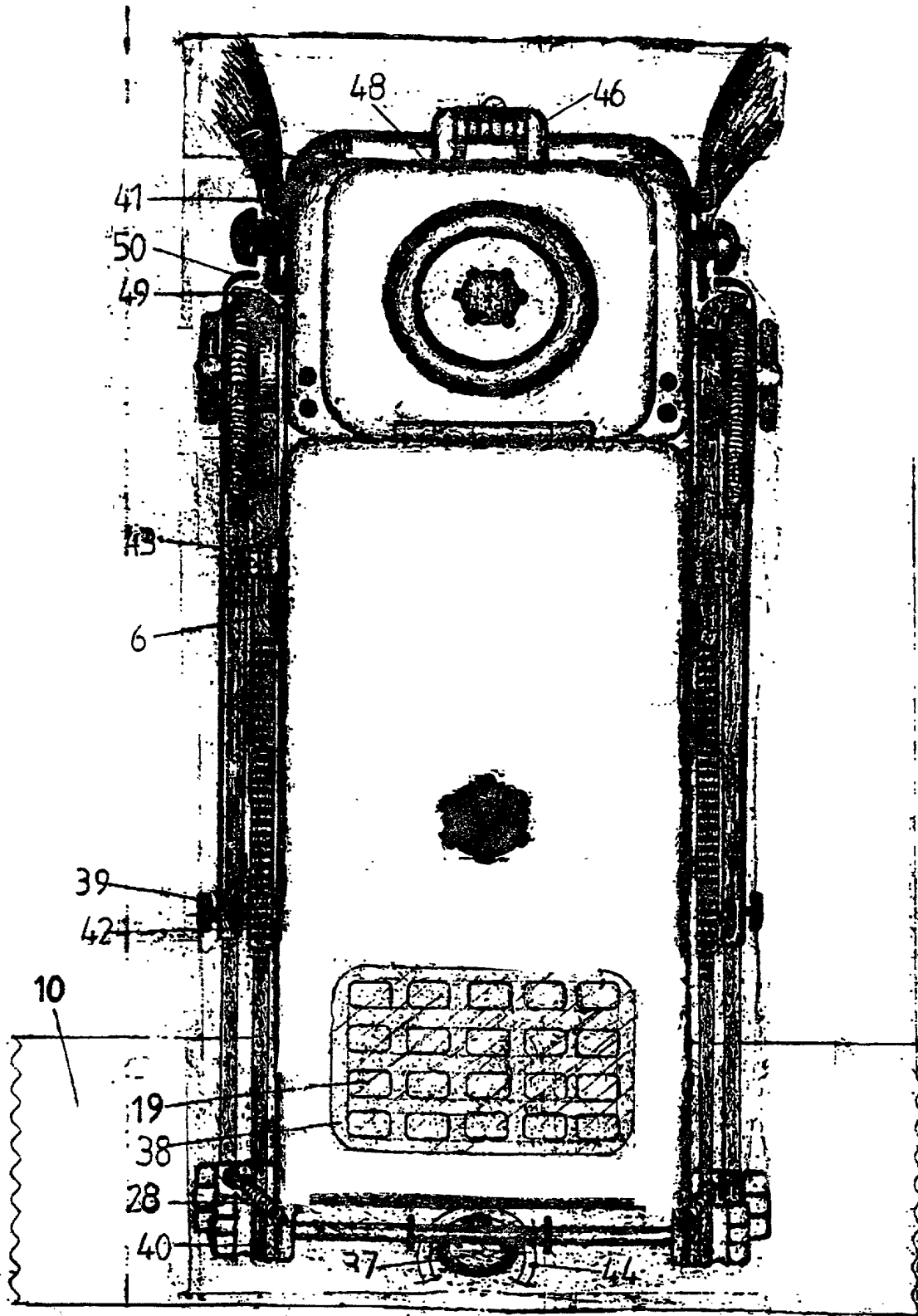
1. Transceiver system for personal and portable use, characterized in that said system is having carrying means (7,20,51,44,37,22,26,10,10B) sufficiently adjustable for being positioned ~~entirely and firmly~~ on the middle of the chest of the user, ^(1D,52A) respectively on the ear ~~(21,52a-h)~~ of the user, optionally on both the chest and on the ear at the same time when the ear ^(18D) how is used only as a receiver of sound from the chest apparatus, said system thereby ~~also~~ facilitating hands-free operation when needed, said system is also having means ^{(24)39,28,40,56,55} for moving some components like keyboard, display, microphones etc., to a more protruding and suitable angle, distance and stable position for easy operation by the user.
2. System as claimed in claim 1, wherein said apparatus is also arranged to contain other objects, for instance a portable air conditioner, flashlight, radio etc.
3. Transceiver as claimed in claim 1, wherein said apparatus contains a wireless transmitter of sound to a ~~receiver~~ receiver arranged to be fastened to an ear(21).
4. Transceiver as claimed in claim 3, wherein said ear transceiver is adjustable to the size and shape of the user's ear and also allows some air passage to user's external auditory meatus.
5. Transceiver as claimed in claim 4, ^{ear} wherein said transceiver has a microphone which may be unfolded towards the user's mouth during phone conversations and folded back on the ear transceiver when not in use.

CLAIMS, continued:

FORSLAG A:

6. Transceiver as claimed in claim 1,
wherein the batteries of said apparatus may be recharged by utilizing body movements and body functions to transform such energy into electric power, for instance by rotating weights in the heels or sides of footwear, said weights tightening springs connected to and activating small dynamos and condensers/capacitors, said dynamos/condensers/capacitors connected by wire to rechargeable batteries which are thereby recharged or energized.
7. Transceiver as claimed in claim 6,
wherein fluid or air from compartments in the soles of footwear by walking is moved through tubes to small dynamos/condensers/capacitors, said dynamos/condensers/capacitors thereby activated and charging batteries.
8. Transceiver as claimed in claim 1,
wherein said apparatus is arranged to contain accessories like a voice activated transceiver, a transceiver which may be activated and operated by touching the display of the transceiver and operation by use of a keyboard,
an alarm and surveillance system for home, office, car etc.,
said system may also include ^{information regarding} potential intruders weight, height, voice and eye analysis and x-ray-like information,
a small radio, PC, TV, long life "Sapphire" battery/flashlight, camera, means for recording and reproducing sound and picture, a small music instrument, tools, magnifying glass, purse, tray, desk, things for everyday use, means for remote control of other things like larger TV, PC, heating, lights, ventilation, robots etc.

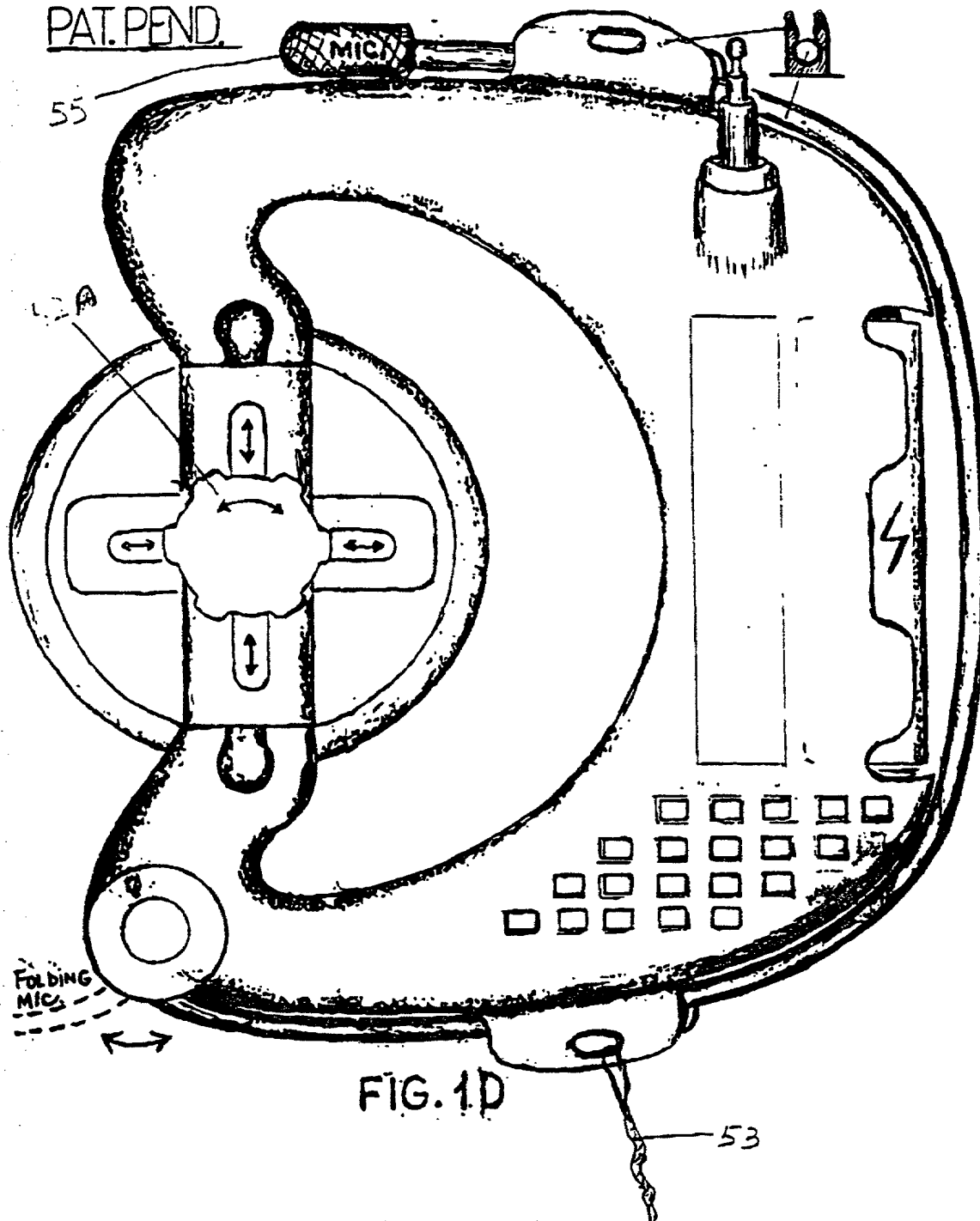


**FIG. 2**

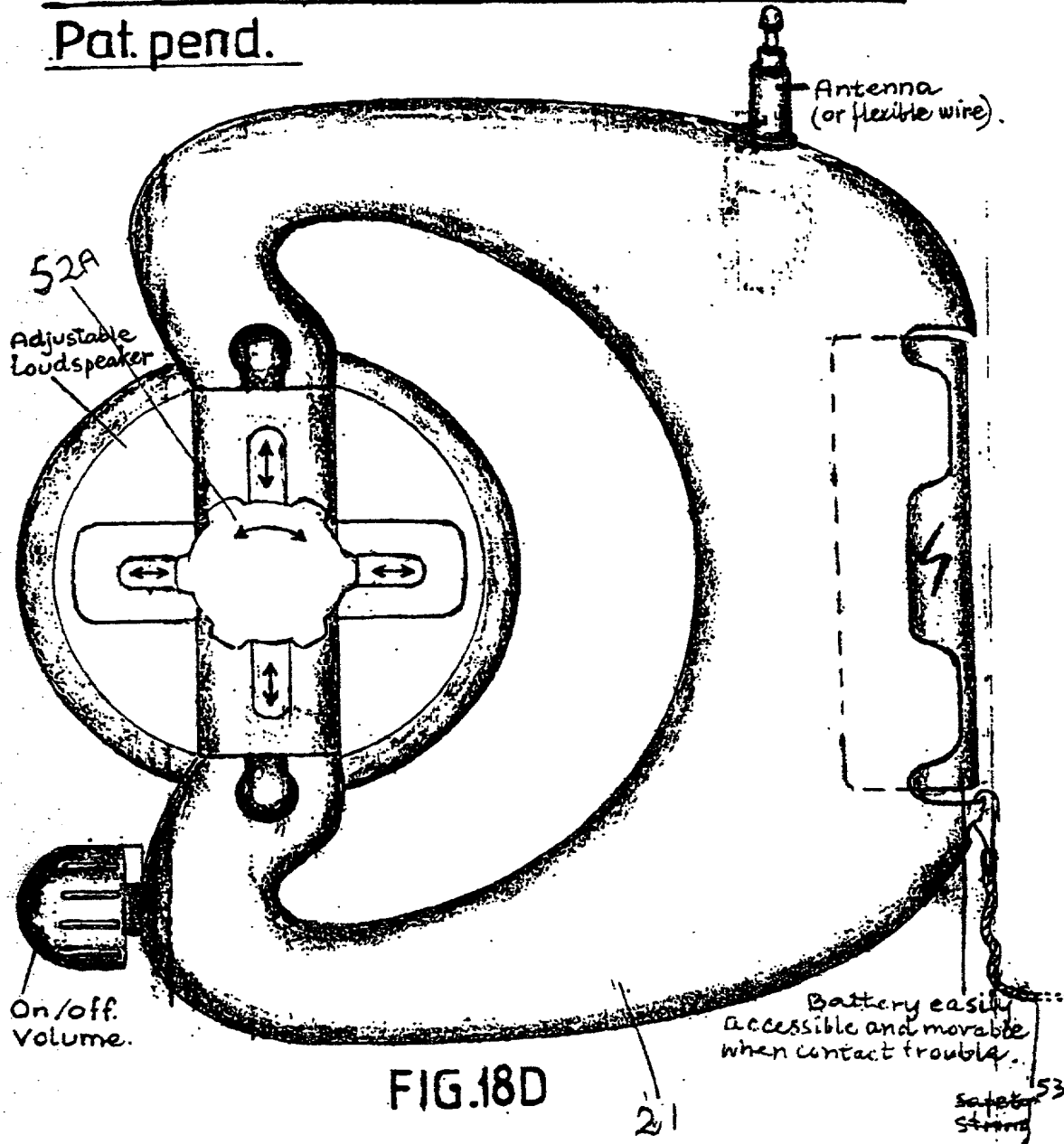


WIRELESS, HANDS FREE, LIGHT WEIGHT, VOICE ACTIVATED,
ADJUSTABLE EAR BOW TRANSCIVER

PAT. PEND.



WIRELESS

✓ ADJUSTABLE EAR BOW TRANSCIVERPat. pend.

Banner & Witcoff Ref. No. 006026.00001
Client Ref. No.

SOLE DECLARATION FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my names;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled TRANSCIVER SYSTEM FOR PORTABLE USE, the specification of which

☐ is attached hereto.

☒ was filed on September 17, 2001 as Application Serial Number 09/936,661 and was amended on _____ (if applicable).

☒ was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. PCT/NO00/00090, filed March 15, 2000, and amended on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Country | Application No. | Date of Filing (Day, month, year) | Date of Issue (Day, month, year) | Priority Claimed Under 35 U.S.C. §119 |
|---------|-----------------|--------------------------------------|-------------------------------------|------------------------------------------|
| Norway | 19991252 | 15 March 1999 | | Yes |
| Norway | 19991252 | 16 March 1999 | | Yes |
| Norway | 19974573 | 31 March 1999 | | Yes |

Prior United States Provisional Application(s)

I hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

| U.S. Provisional Application No. | Date of Filing (Day, month, year) | Priority Claimed Under 35 U.S.C. §119(e)(1) |
|----------------------------------|--------------------------------------|------------------------------------------------|
| | | |

Prior United States Application(s)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| U.S. Application Serial No. | Date of Filing (Day, month, year) | Status Patented Pending Abandoned |
|-----------------------------|--------------------------------------|--------------------------------------------|
| | | |

BANNER & WITCOFF, LTD.

Rev 1.1 10-09-2001

Banner & Witcoff Ref. No. 006026.00001
Client Ref. No.

Power of Attorney

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the practitioners at:

Customer Number: 22907 (WDC)

Please address all correspondence and telephone communications to the address and telephone number for this Customer Number.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature: Iver Hansen Date: JANUARY 10, 2002
Full Name of Inventor: HANSEN Iver
Family Name: HANSEN First Given Name: Iver Second Given Name:
Residence: Hyegen, NORWAY Citizenship: Norway
Post Office Address: Gierdalen 3, N-3442 Hyegen, NORWAY JERDAL, N-3442 HYEGEN, NORWAY